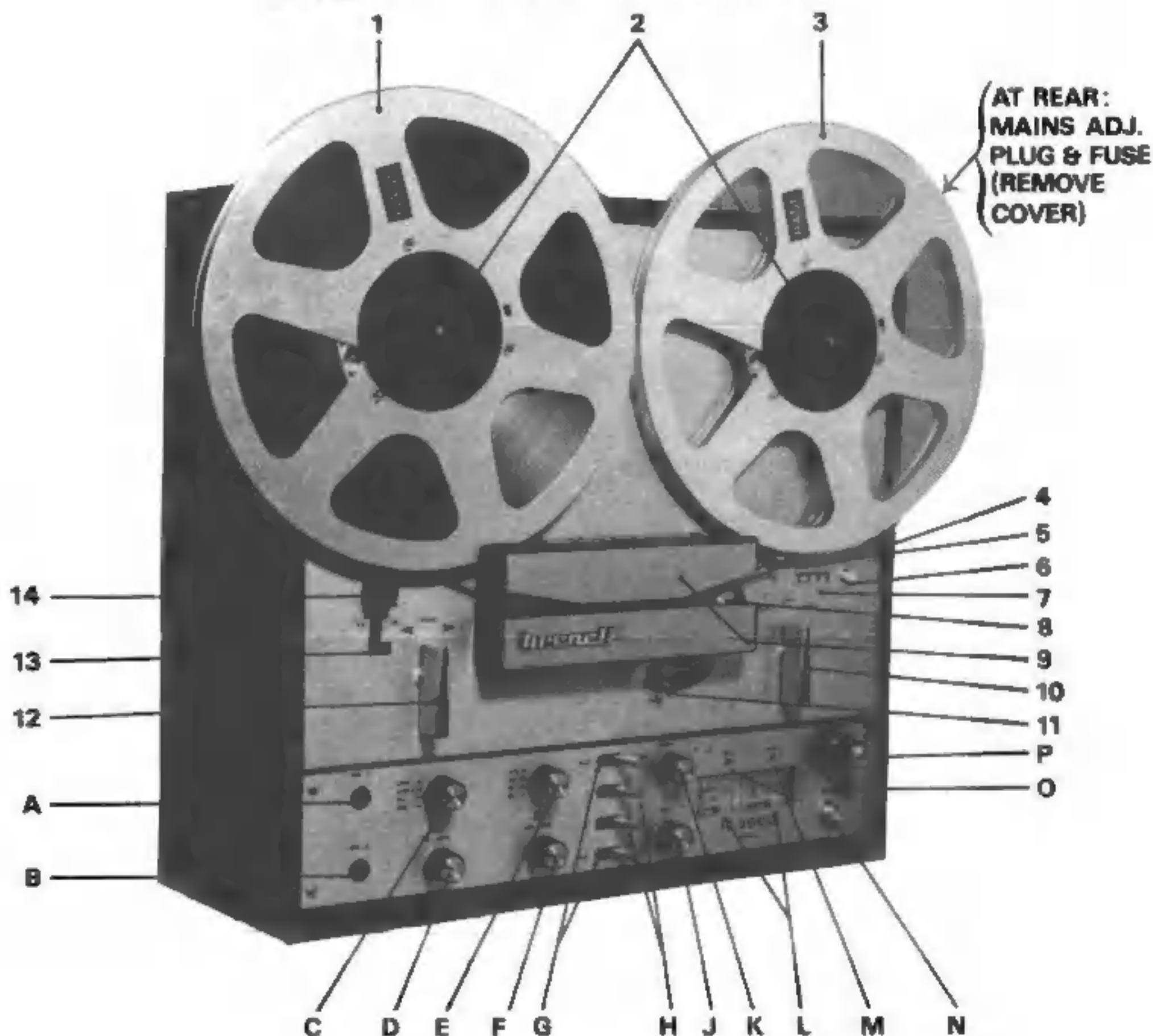
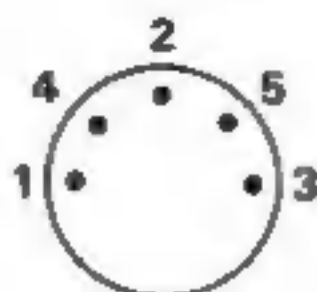


I C 2000 STEREO TAPE RECORDER



CONNECTIONS TO 5 WAY DIN PLUGS IN REAR RECESS

- LINE IN AND OUT**
- 1 Left RECORD input
 - 4 Right RECORD input
 - 2 Screen and earth
 - 5 Right PLAY output
 - 3 Left PLAY output



- MAG. PICK UP**
- 1 Left input
 - 3 Right input
 - 2 Screen and earth

- | | |
|---|---|
| 1 Feed spool | A Channel 1 — microphone input |
| 2 Spool retainers (hubs below) | B Channel 2 — microphone input |
| 3 Take-up spool | C Channel 1 & 2 — input selector switch |
| 4 Tape-spillage stop-pillar | D Channel 1 — record-level control |
| 5 Tape guide | E Speed equalisation switch |
| 6 Zero set button | F Channel 2 — record level control |
| 7 Tape position indicator | G Channel 1 & 2 — record-playback selector |
| 8 Pinch wheel | H Channel 1 & 2 — A-B comparison selector |
| 9 Head covers | J Bass control |
| 10 Record-Replay switch,
adjacent: record interlock button | K Treble control |
| 11 Pause control lever | L Record-level meters |
| 12 Fast forward-rewind switch | M Channel 1 & 2 Bias pre-sets |
| 13 Tape tension switch | N Mains on-off button |
| 14 Speed change switch | O Neon mains indicator light |
| | P Playback volume level controls
(channel 1:bottom, channel 2:top) |

NOTES

Tape : standard play or long play

Input selector switch (C) :

Line 1	High level input (studio use etc.) 150 mV to 25 V into 1 M ohm
Line 2	Low level input (Radio, Tuner etc. Ceramic pick-up with 470 K ohms series resistor) 2 mV to 200 mV into 100 K ohms.
P U	Magnetic Pick-up direct 47 K ohms, 3 mV
MIC	Ribbon or moving coil microphone 200 ohms, sensitivity 200 microvolts.

Speed change switch (14): Speeds available with 1 inch dia. capstan sleeve fitted to capstan spindle (see "G" on Tape Loading Chart):
9.5, 19, 39 cm/s (3¾, 7½, 15 ips). Read figures below switch.
with ½ inch dia. capstan sleeve fitted (supplied as accessory).
19, 9.5, 4.75 cm/s (7½, 3¾, 1 ips). Read figures above switch.
The capstan sleeve is retained on the capstan spindle by a grub screw. Allow for clearance above spindle bearing when fitting capstan sleeve. Special sleeves for 60 cps mains supply or other speeds are available.

REAR CONNECTIONS

Right and left hand extension loudspeakers: 12 watts RMS from each channel, into 8 ohms. 2 pole jack plugs (BS 666) disconnect internal speakers. Ensure speakers are phased correctly. Set volume controls to minimum (fully anti-clockwise) before connecting.

Stereo Headphones: all types suitable. Set volume controls to minimum before connecting. Use 3 pole jack plug.

Magnetic pick-up: 5 pin DIN plug. See connection diagram on page 1.

Line In and Out: 5 pin DIN plug. See connection diagram on page 1.
Line In: see Input selector switch notes above.
Line Out: suitable for most amplifiers (50 K ohms, 200 mV).

Mains supply: 110 to 250 volts, AC only, 50 cps, (60 cps available).
Mains selector plug must be set to correct supply voltage; normally set to 240 volts before despatch.
Connect 3 pin mains plug to 3 core mains cable:
Yellow-green to earth pin (largest)
Brown to live pin (marked L)
Blue to neutral pin (marked N)
For access remove rear panel.

FUSES

Mains fuse	— inside red selector plug	— 2 amps.
2 L.T. fuses	— below mains transformer	— 1½ amps.